

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 27, 2003, 18:10:20 ; Search time 26 Seconds
(without alignments)
401.736 Million cell updates/sec

Title: US-09-922-895-1

Perfect score: 1854
Sequence: 1 MTTSLDVFETFTSTYDDV.....LERTSSVSPSTAPELIIVF 355

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 08
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents.AA.*

1: /cgn2_6/prodata/1/1aa/5A_COMB.pep.*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep.*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep.*
4: /cgn2_6/prodata/1/1aa/6B_COMB.pep.*
5: /cgn2_6/prodata/1/1aa/PCTUS_COMB.pep.*
6: /cgn2_6/prodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1854	100.0	355	4	US-08-575-967A-4
2	1854	100.0	355	4	US-08-847-296B-1
3	1854	100.0	355	4	US-09-045-583-54
4	1854	100.0	355	4	US-09-534-185-54
5	1752	94.5	355	4	US-08-833-752-8
6	1181.5	63.7	355	1	US-08-012-988A-2
7	1181.5	63.7	355	1	US-08-450-393A-5
8	1181.5	63.7	355	4	US-08-446-669-5
9	1181.5	63.7	355	4	US-09-239-938-1
10	1181.5	63.7	355	5	PCT-US95-00476-5
11	1134.5	60.5	355	4	US-08-833-752-9
12	1121.5	60.5	355	4	US-09-045-583-53
13	1121.5	60.5	355	4	US-09-534-185-53
14	951	51.3	360	4	US-09-045-583-51
15	951	51.3	360	4	US-09-534-185-51
16	948	51.1	352	4	US-09-517-605-5
17	947	51.1	347	1	US-08-461-244-3
18	947	51.1	360	1	US-08-450-393A-4
19	947	51.1	360	4	US-08-446-669-4
20	947	51.1	360	4	US-09-045-583-50
21	947	51.1	360	4	US-09-534-185-50
22	947	51.1	360	5	PCT-US95-00476-4
23	944	50.9	360	4	US-08-833-752-7
24	939.5	50.7	352	4	US-09-045-583-52
25	939.5	50.7	352	4	US-09-534-185-52
26	938.5	50.6	352	4	US-09-087-232A-13
27	938.5	50.6	352	4	US-08-861-105-14

28	938.5	50.6	352	4	US-08-575-967A-2	Sequence 2, Appl1
29	938.5	50.6	352	4	US-08-833-752-5	Sequence 5, Appl1
30	933.5	50.4	352	3	US-08-466-343D-2	Sequence 2, Appl1
31	932	50.2	354	4	US-08-724-984A-2	Sequence 9, Appl1
32	886.5	47.8	344	3	US-08-466-343D-9	Sequence 2, Appl1
33	886.5	47.8	374	1	US-08-450-393A-2	Sequence 2, Appl1
34	886.5	47.8	374	4	US-08-446-669-2	Sequence 2, Appl1
35	886.5	47.8	374	5	PCT-US95-00476-2	Sequence 2, Appl1
36	803.5	43.3	360	4	US-08-875-573-20	Sequence 20, Appl1
37	803.5	43.3	360	4	US-09-232-878-2	Sequence 2, Appl1
38	803.5	43.3	360	4	US-09-045-583-55	Sequence 55, Appl1
39	803.5	43.3	360	4	US-09-534-185-55	Sequence 5, Appl1
40	762.5	41.1	360	4	US-08-833-752-10	Sequence 10, Appl1
41	692.5	37.4	355	1	US-08-461-244-2	Sequence 2, Appl1
42	692.5	37.4	355	4	US-09-045-583-56	Sequence 56, Appl1
43	692.5	37.4	355	4	US-09-534-185-56	Sequence 56, Appl1
44	684	36.9	355	1	US-08-153-848-28	Sequence 28, Appl1
45	684	36.9	355	1	US-08-153-848-32	Sequence 32, Appl1

ALIGNMENTS

RESULT 1
US-08-575-967A-4
Sequence 4, Application US/08575967A
Patent No. 6265184

GENERAL INFORMATION:

APPLICANT: Gray et al.

TITLE OF INVENTION: Chemokine Receptor Materials and Methods

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESSES: 16

ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 S. Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/575,967A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 6265184and, Greta E.

REGISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 32918

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-485-1900

TELEFAX: 206-485-1662

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

FEATURE:

NAME/KEY: misc_feature

OTHER INFORMATION: /- "88-2B amino acid sequence"

US-08-575-967A-4

Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 36-136;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVFETFTSTYDDVGLCEKADTALNAQFVPLYSIVFTVGLGNVYVWILI 60
DB 1 MTTSLDVFETFTSTYDDVGLCEKADTALNAQFVPLYSIVFTVGLGNVYVWILI 60

QY 61 KRRRLRIMNTIYLNLAIISDLLFLVTLPPWIIHYVGHMNVGHGCKLLSGFYHGLYSE 120
DB 61 KRRRLRIMNTIYLNLAIISDLLFLVTLPPWIIHYVGHMNVGHGCKLLSGFYHGLYSE 120
QY 121 IFFIILLTDRLAIYHAFALRARTVPGVTSIYTWGLAVLALPERIFETELPEE 180
DB 121 IFFIILLTDRLAIYHAFALRARTVPGVTSIYTWGLAVLALPERIFETELPEE 180
QY 181 TLCSALYPEDIVYSRHHFHTLMTIFCIVLPLLVNACVYGIKTLRCPSSKKYKAI 240
DB 181 TLCSALYPEDIVYSRHHFHTLMTIFCIVLPLLVNACVYGIKTLRCPSSKKYKAI 240
QY 241 IFVIAVFFIETFPYNNVALISSYOSILFGNDCERSKHLDMVLTVEYIAYSHCCMPYI 300
DB 241 IFVIAVFFIETFPYNNVALISSYOSILFGNDCERSKHLDMVLTVEYIAYSHCCMPYI 300
QY 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSEKLEKERTSSVSPSTAEPESLIVF 355
DB 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSEKLEKERTSSVSPSTAEPESLIVF 355

RESULT 2

US-08-847-296B-1
Sequence 1, Application US/08847296B
Patent No. 6271347

GENERAL INFORMATION:

APPLICANT: DAUGHERTY, BRUCE L.
APPLICANT: DEMARTINO, JULIE A.
APPLICANT: SICILIANO, SALVATORE J.

APPLICANT: SPRINGER, MARTIN J.
TITLE OF INVENTION: EOSINOPHIL EOTAXIN RECEPTOR

NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.

CITY: Rahway
STATE: NJ
COUNTRY: USA

ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847, 296B
CLASSIFICATION: 435

FILING DATE: 24-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/016,158

FILING DATE: 26-APR-1996
APPLICATION NUMBER: 60/017,113
FILING DATE: 26-APR-1996

ATTORNEY/AGENT INFORMATION:
NAME: Thies, J. Eric
REGISTRATION NUMBER: 35,382

REFERENCE/DOCKET NUMBER: 19634Y
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3904

TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-847-296B-1

Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 5e-136;

Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDTVEETFGTTSYDDVGLCEKADTRALMAQFVPLYSIVETVGLGNVVMILLI 60
DB 1 MTTSLDTVEETFGTTSYDDVGLCEKADTRALMAQFVPLYSIVETVGLGNVVMILLI 60
QY 61 KRRRLRIMNTIYLNLAIISDLLFLVTLPPWIIHYVGHMNVGHGCKLLSGFYHGLYSE 120
DB 61 KRRRLRIMNTIYLNLAIISDLLFLVTLPPWIIHYVGHMNVGHGCKLLSGFYHGLYSE 120
QY 121 IFFIILLTDRLAIYHAFALRARTVPGVTSIYTWGLAVLALPERIFETELPEE 180
DB 121 IFFIILLTDRLAIYHAFALRARTVPGVTSIYTWGLAVLALPERIFETELPEE 180
QY 181 TLCSALYPEDIVYSRHHFHTLMTIFCIVLPLLVNACVYGIKTLRCPSSKKYKAI 240
DB 181 TLCSALYPEDIVYSRHHFHTLMTIFCIVLPLLVNACVYGIKTLRCPSSKKYKAI 240
QY 241 IFVIAVFFIETFPYNNVALISSYOSILFGNDCERSKHLDMVLTVEYIAYSHCCMPYI 300
DB 241 IFVIAVFFIETFPYNNVALISSYOSILFGNDCERSKHLDMVLTVEYIAYSHCCMPYI 300
QY 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSEKLEKERTSSVSPSTAEPESLIVF 355
DB 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSEKLEKERTSSVSPSTAEPESLIVF 355

RESULT 3

US-09-045-583-54
Sequence 54, Application US/09045583
Patent No. 6287805

GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled

NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHYE & COCKFIELD, LLP

STREET: 28 State Street
CITY: Boston
STATE: Massachusetts

COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/045,583

FILING DATE: 20-MAR-98
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNT-044

TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide

FRAGMENT TYPE: Internal
US-09-045-583-54

Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 5e-136;

Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMILI 60
DB 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMILI 60
QY 61 KYRRLRMTNITLYLNLAIISDLLELVTLPEWIIHYVRGNWVFGHGMCKLLSGFYHTGLYSE 120
DB 61 KYRRLRMTNITLYLNLAIISDLLELVTLPEWIIHYVRGNWVFGHGMCKLLSGFYHTGLYSE 120
QY 121 IFFILLTIDRYLAIVAVPALRARTVTCVITISIVWGLAVLAALPEFIYETEELFEE 180
DB 121 IFFILLTIDRYLAIVAVPALRARTVTCVITISIVWGLAVLAALPEFIYETEELFEE 180
QY 181 TICSALYPEDTVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCPSKKRYKAI 240
DB 181 TICSALYPEDTVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCPSKKRYKAI 240
QY 241 IFVIMAVFLEFMPYNAIILSSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMPVI 300
DB 241 IFVIMAVFLEFMPYNAIILSSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLHMLGRIYIPLPSKLERSTSSVSPSTAEPELSIVF 355
DB 301 YAFVGERFRKYLRRHFHRLHMLGRIYIPLPSKLERSTSSVSPSTAEPELSIVF 355

RESULT 4
US-09-534-185-54

Sequence 54, Application US/09534185
Patent No. 6403767

GENERAL INFORMATION:

APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6403767/1 Molecules of the G Protein-Coupled
Heptahelical Receptor Superfamily and Uses
Therefor

NUMBER OF SEQUENCES: 56

CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
City: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/534,185
FILING DATE: 24-Mar-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/045,583
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mandagouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 54:

US-09-534-185-54

Query Match 100.0%; Score 1854; DB 4; Length 355;
Best Local Similarity 100.0%; Pred. No. 5e-136;

Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMILI 60
DB 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMILI 60
QY 61 KYRRLRMTNITLYLNLAIISDLLELVTLPEWIIHYVRGNWVFGHGMCKLLSGFYHTGLYSE 120
DB 61 KYRRLRMTNITLYLNLAIISDLLELVTLPEWIIHYVRGNWVFGHGMCKLLSGFYHTGLYSE 120
QY 121 IFFILLTIDRYLAIVAVPALRARTVTCVITISIVWGLAVLAALPEFIYETEELFEE 180
DB 121 IFFILLTIDRYLAIVAVPALRARTVTCVITISIVWGLAVLAALPEFIYETEELFEE 180
QY 181 TICSALYPEDTVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCPSKKRYKAI 240
DB 181 TICSALYPEDTVYSWRFHRLMTIFCLVPLVMAICYGIIKTLRCPSKKRYKAI 240
QY 241 IFVIMAVFLEFMPYNAIILSSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMPVI 300
DB 241 IFVIMAVFLEFMPYNAIILSSYOSILFGNDCERSKHLVMLVTEVIAYSHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLHMLGRIYIPLPSKLERSTSSVSPSTAEPELSIVF 355
DB 301 YAFVGERFRKYLRRHFHRLHMLGRIYIPLPSKLERSTSSVSPSTAEPELSIVF 355

RESULT 5
US-08-833-752-8

Sequence 8, Application US/08833752
Patent No. 6448375

GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL
APPLICANT: PARMENTIER, MARC
APPLICANT: VASSART, GILBERT
APPLICANT: LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
City: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,752
FILING DATE: 9-APR-1997
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6448375e
US-08-833-752-8

Query Match 94.5%; Score 1752; DB 4; Length 355;
Best Local Similarity 92.1%; Pred. No. 3.8e-128;
Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;
QY 1 MTSLSLDTVEFTGTTSYDDVGLLCEKADTRALMAQFVPLYSLVFTVGLGNVVMILI 60

Db 1 MTSDVETEGTSTYDVGILCEKADTRALMAQFVPLYSLVFTVGLIGNVVMIL 60
QY 61 KYRRIKMTNIIYLLMALSIDLLFLVLPWIMHYVGHMNVFGHCKILSGFYHGLIXSE 120
Db 61 KYRRIKMTNIIYLLMALSIDLLFLVLPWIMHYVGHMNVFGHCKILSGFYHGLIXSE 120
QY 121 IFFIILLTIDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEFIETEELEEE 180
Db 121 IFFIILLTIDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEFIETEELEEE 180
QY 181 TLCSALYEDPYVSRHFTLMTFCVLPLVMAICTGIIKLLRCPSSKKKKAIRL 240
Db 181 TLCSALYEDPYVSRHFTLMTFCVLPLVMAICTGIIKLLRCPSSKKKKAIRL 240
QY 241 IFVIAVFEIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 300
Db 241 IFVIAVFEIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 300
QY 301 YAFVGERRRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355
Db 301 YAFVGERRRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355

-RESULT 6

US-08-012-988A-2
; Sequence 2, Application US/08012988A
; Patent No. 5652133
; GENERAL INFORMATION:
; APPLICANT: Murphy, Phillip M.
; TITLE OF INVENTION: Cloning and Expression of Human
; TITLE OF INVENTION: Macrophage Inflammatory Protein-1 alpha (MIP-1
; TITLE OF INVENTION: alpha)/RANTES Receptor
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourile and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94610
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/012.988A
; FILING DATE: 19930128
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 15280-118
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-543-9600
; TELEFAX: 415-543-5043
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-012-988A-2

Query Match 63.7%; Score 1181.5; DB 1; Length 355;
Best Local Similarity 63.2%; Pred. No. 4, 1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DIVEFTGTTSTYD-DVGLCEKADTRALMAQFVPLYSLVFTVGLIGNVVMILIKRYR 64
Db 5 NTEDYDTTTERDYDADAPCCQKVNERRAAGALPLPLYSIVFVIGLVGNILVVLVYQYKR 64

QY 65 IRIKMTNIIYLLMALSIDLLFLVLPWIMHYVGHMNVFGHCKILSGFYHGLYSEIPI 124
Db 65 IRIKMTNIIYLLMALSIDLLFLVLPWIMHYVGHMNVFGHCKILSGFYHGLYSEIPI 124
QY 125 ILLTIDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEFIETEELEEE 184
Db 125 ILLTIDRYLAIVHAFAIRARTVTEGVITSITVWGLAVLALPEFIETEELEEE 184
QY 185 ALYEDPYVSRHFTLMTFCVLPLVMAICTGIIKLLRCPSSKKKKAIRL 244
Db 185 ALYEDPYVSRHFTLMTFCVLPLVMAICTGIIKLLRCPSSKKKKAIRL 244
QY 245 MAVEFIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 304
Db 245 MAVEFIEMTPYVNAIILSSYOSILFGNDCERSKHLDMVLVTEVIAVSHCCMPYI 304
QY 305 GERFRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355
Db 305 GERFRKRYIRHFFHRLMLHGRYIPFLPSEKLETSVSPSTAEPELSIVF 355

RESULT 7

US-08-450-393A-5
; Sequence 5, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Goddard Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450.393A
; FILING DATE: May 25, 1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Casert, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: UCAL-237/0205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5165
; TELEFAX: 415-8857-0663
; TELEEX: 38081600leyPA
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-450-393A-5

Query Match 63.7%; Score 1181.5; DB 1; Length 355;
Best Local Similarity 63.2%; Pred. No. 4, 1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DIVEFTGTTSTYD-DVGLCEKADTRALMAQFVPLYSLVFTVGLIGNVVMILIKRYR 64
Db 5 NTEDYDTTTERDYDADAPCCQKVNERRAAGALPLPLYSIVFVIGLVGNILVVLVYQYKR 64

[illegible]

RESULT 8

US-08-446-669-5
: Sequence 5, Application US/08446669
: Patent No. 6132987
: GENERAL INFORMATION:
: APPLICANT: Charo, Israel
: APPLICANT: Coughlin, Shaun
: TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
: TITLE OF INVENTION: PROTEIN RECEPTORS
: NUMBER OF SEQUENCES: 14
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
: STREET: 5 Palo Alto Square
: CITY: Palo Alto
: STATE: California
: COUNTRY: USA
: ZIP: 94306-2155
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/446,669
: FILING DATE: May 25, 1995
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Neeley, Richard
: REGISTRATION NUMBER: 30,092
: REFERENCE/DOCKET NUMBER: UCAL-237/01US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415-843-5000
: TELEFAX: 415-857-0663
: TELEX: 380816COOLEYPA
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 355 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: HYPOTHEetical: NO
: ANTI-SENSE: NO
: US-08-446-669-5

Query Match 63.7%; Score 181.5; DB 4; Length 355;
Best Local Similarity 63.2%; Pcd. No. 4,1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1

OY 6 DYVETGTSYD-DVGLLCEKADTRALMAQFAPPLYSIVFTVGLGNVVVMILIRRR 64
 | | | | | | | | | | | | | | | |
db 5 NTFEDDYTFTEFGDGATPCOKRYNEAFQAOLPLPSISVFETIGLVGMILVALVYYKR 64
 | | | | | | | | | | | | | | | |

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0Y 65 LRIMTNYILNLAISLLELWMLPPIHVHVRSHMNVPHGCKILLSGVHHGLASEPFI 124
Db 65 LKNTSTYILNLAISLLELFTLPPIDIKLADWVWFDCAOKIILSGYYTGLSELPFI 124
0Y 125 ILTLIDRYALIAVAVALRARTVGTGVIISYTMGLAVIALAPFIEFEETLEFEELCS 184
Db 125 ILTLIDRYALIAVAVALRARTVGTGVIISIIIMLAILASMPGLYFSEKTOOMETHTCS 184
0Y 185 ALYPERDYSVRHREFHRLRMTIFCLVLPRLVMAICTYGIILKILLRCPSKKKKAIRLIFVI 244
Db 185 LHPHESLBRWKLPQALKNTLFGVLVPLRLVMAICTYGIILKILLRPNPKSKRAVRLIFVI 244
0Y 245 MAVEFITWPEYNAIILSSYOSILFEGNDCERSKHDLVMLTVEIYAVSHCCANPVIYAFV 304
Db 245 MIIEFLWPEYNTLILISVDFDLFTHEDGSRHDLAVQTVETIYAVIHCNVNVIYAFV 304
0Y 305 GERPKRLIRFEFRHRLMLGRYIPLSPSEKLEKTSVSPSTAEPELSIYF 335
Db 305 GERPKRLIRLFERRRVAHVLMKPEPLSVDRLEERSVSPSTGHEHLSAGF 335

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RESULT 9

```

US-09-239-938-1
; Sequence 1, Application US/09239938
; Patent No. 6329510
; GENERAL INFORMATION
; APPLICANT: Qin, Shixin
; APPLICANT: Newman, Walter
; APPLICANT: Kassam, Nasim
; APPLICANT: Leukosite, Inc.
; TITLE OF INVENTION: ANTI-CCR1 ANTIBODIES AND METHODS OF USE
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: LKS97-13
; CURRENT APPLICATION NUMBER: US/09/239,938
; CURRENT FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-239-938-1

```

Query Match	63.78;	Score 1181.5;	DB 4;	Length 355;
Best Local Similarity	63.28;	Pred. No. 4.1e-84;		
Matches 222;	Conservative 57;	Mismatches 71;	Indels 1;	Gaps 1

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0Y 6 DYVETGTSYU-DVGLLCEKADRTALMAQCVPLRYLVTYVGLGAVVVVVVLLIXRR 64
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 5 NTEDYUUTTEFPYDGAFCQKQKNEAFAQALDPLYSLVFVIGVGNILVVLVQYKR 64

0Y 65 LRMTNYLNLTAISDLFLYLPPIHNVRRHNNVFGHGCKLLSGYHNGLSSEFP 124
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 65 LKNSTSYLNLTAISDLFLFLPPIFDIKLDVDFGDACKLLSGYYGGLXSEFP 124
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

0Y 125 ILLTIDRYLVAIVAFALRARTVEGVISYTWGLAVLALPEFIEFEELFEELCS 184
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 125 ILLTIDRYLVAIVAFALRARTVEGVISITLMAALASMPGLYFSEKTOWEETHNCS 184
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

0Y 185 ALYPEQIVYWRHFHRLKRTICGLVPLRYVALICTGTGIKTLRPSKAKKAIRLFVI 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 185 LHPHESLRWKLFOALKNLFGVLPLRYVALICTGTGIKTLRPNPKKRAVRLFVI 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

0Y 245 MAVPEITMPYNAVALLSYOSILFQNCDEBSKHDLVMLVETVAYSHCCMPNYIAFV 304
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 245 MIFELFWPYNTLISVFOEFLFHNEQSRHLDLAVOYTEVATVAYTHCCVNYIAFV 304
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

0Y 305 GERPKRLRHFHRHLLMLGRIPPLSEKLEKRTSSVSPSTAEPLSYF 355
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 305 GERPKRLRQFHRRAVAVLWMLPPLSVDRLEKRVSSVSPSTGEHESLAPG 355

```

RESULT 10

PCT-US95-00476-5
; Sequence 5, Application PC/TUS9500476
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robbins, Berliner & Carson
; STREET: 201 N. Figueroa Street, 5th floor
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90012-2628
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00476
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berliner, Robert
; REGISTRATION NUMBER: 20,121
; REFERENCE/DOCKET NUMBER: 5555-291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-977-1001
; TELEFAX: 310-977-1003
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; AMT-SENSE: NO
; PCT-US95-00476-5
Query Match 63.7%; Score 1181.5; DB 5; Length 355;
Best Local Similarity 63.2%; Pred. No. 4.1e-84;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;
QY 6 DIVERGENTSYD-DVGLCEKADTRALMAQVPPVLSVTVGLGVVVVMIITKRR 64
DB 5 NTTEYDPTTEEDYDAPPCQVNRARAGADLPPLYSLVFVIGLVGILVVLVVOYKR 64
QY 65 LRIMNTIYLNLAIISDLFLVTLFPWIVYRGHNVFQHGCKLISGFYHGLYSEIFPI 124
DB 65 LKMTSIYLLNLAIISDLFLVTLFPWIDYKLDQWVFGDAMCKIISGFYHGLYSEIFPI 124
QY 125 ILITDRILAYHAFALRARTVTEGVTISITVWGLAVLAALPERIFETEELPEETLCS 184
DB 125 ILITDRILAYHAFALRARTVTEGVTISITVWGLAVLAALPERIFETEELPEETLCS 184
QY 185 ALYPRDYYSRHFHTLMTIFCVLPPLVMAICTGTIITLRCPSKKRYKAILIYVI 244
DB 185 LHPHESLRKMKLPALKLNLFGLVLPPLVMAICTGTIITLRCPSKKRYKAILIYVI 244
QY 245 MAVFEIWTPTVNAVILLISYOSILFGNDCERSKHLVLAALVTEVAYSHCCNPTIYAFV 304
DB 245 MIIFLFMTPTVNLITLISVDFDLTHCEGSRHLDLAVQTEVAYSHCCNPTIYAFV 304
QY 305 GERFRKYLRHFFHRLHMLGRYIPFLPSEKLERISVSPSTAEPELSIVF 355
DB 305 GERFRKYLRHFFHRLHMLGRYIPFLPSEKLERISVSPSTAEPELSIVF 355
RESULT 11
US-08-833-752-9
; Sequence 9, Application US/08833752

Patent No. 6448375
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobb, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/833,752
; FILING DATE: 9-Apr-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6448375e
US-08-833-752-9
Query Match 61.2%; Score 1134.5; DB 4; Length 355;
Best Local Similarity 59.5%; Pred. No. 1.7e-80;
Matches 209; Conservative 66; Mismatches 75; Indels 1; Gaps 1;
QY 6 DIVERGENTSYD-DVGLCEKADTRALMAQVPPVLSVTVGLGVVVVMIITKRR 64
DB 5 NTTEYDPTTEEDYDAPPCQVNRARAGADLPPLYSLVFVIGLVGILVVLVVOYKR 64
QY 65 LRIMNTIYLNLAIISDLFLVTLFPWIVYRGHNVFQHGCKLISGFYHGLYSEIFPI 124
DB 65 LKMTSIYLLNLAIISDLFLVTLFPWIDYKLDQWVFGDAMCKIISGFYHGLYSEIFPI 124
QY 125 ILITDRILAYHAFALRARTVTEGVTISITVWGLAVLAALPERIFETEELPEETLCS 184
DB 125 ILITDRILAYHAFALRARTVTEGVTISITVWGLAVLAALPERIFETEELPEETLCS 184
QY 185 ALYPRDYYSRHFHTLMTIFCVLPPLVMAICTGTIITLRCPSKKRYKAILIYVI 244
DB 185 LHPHESLRKMKLPALKLNLFGLVLPPLVMAICTGTIITLRCPSKKRYKAILIYVI 244
QY 245 MAVFEIWTPTVNAVILLISYOSILFGNDCERSKHLVLAALVTEVAYSHCCNPTIYAFV 304
DB 245 MIIFLFMTPTVNLITLISVDFDLTHCEGSRHLDLAVQTEVAYSHCCNPTIYAFV 304
QY 305 GERFRKYLRHFFHRLHMLGRYIPFLPSEKLERISVSPSTAEPELSIVF 355
DB 305 GERFRKYLRHFFHRLHMLGRYIPFLPSEKLERISVSPSTAEPELSIVF 355
RESULT 12
US-09-045-583-53
; Sequence 53, Application US/09045583
; Patent No. 6287805
; GENERAL INFORMATION:
; APPLICANT: Graham, Gerard J. et al.

TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/045,583
FILING DATE: 20-MAR-98
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: NMI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: Internal
US-09-045-583-53

Query Match 60.5%; Score 1121.5; DB 4; Length 355;
Best Local Similarity 60.8%; Pred. No. 1.7e-79;
Matches 216; Conservative 55; Mismatches 77; Indels 7; Gaps 2;

QY 8 VEPFGTSTSYD-----DVG--LLCEKADTRALMAQFPPLXSLVFTVGLGNVVMIL 60
DB 1 MEPTNTEDTDTEFGYDGPCHKYNERRAIIAQLPLXSLVFTVGLGNVVMILV 60
QY KYRLRLMTNIIYLNTLAISDLFLVTLPEWTHYVRGNWVPGHGMCKILSGFYTGLYSE 120
DB 61 KYRLRLMTNIIYLNTLAISDLFLVTLPEWTHYVRGNWVPGHGMCKILSGFYTGLYSE 120
QY 121 IFFIILITIDRYLAIVAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
DB 121 IFFIILITIDRYLAIVAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
QY 181 TLCSALYEDTVYSWRHFTLRMTIFCLVPLVMAICYGIITLRCPSKKRYKARL 240
DB 181 HSCNIHPFESFOQMKLFQALKNLFGVLPLVMIVCYGIIKILRRPREKSKAVRL 240
QY 241 IFVIMAFVFLFTPTYNVAAILSSYQSLFEGNDCRSKRLDMLVTEVIAYSECCNPVI 300
DB 241 IFVIMAFVFLFTPTYNVAAILSSYQSLFEGNDCRSKRLDMLVTEVIAYSECCNPVI 300
QY 301 YAFVGERFRKRYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSYF 355
DB 301 YAFVGERFRKRYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSYF 355

RESULT 13
US-09-534-185-53
; Sequence 53, Application US/09534185
; Patent No. 6403767
; GENERAL INFORMATION:
; APPLICANT: Graham, Gerard J. et al.
; TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled

Heptahelical Receptor Superfamily and Uses
Therefor
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/534,185
FILING DATE: 24-MAR-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: NMI-044
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: Internal
SEQUENCE DESCRIPTION: SEQ ID NO: 53:
US-09-534-185-53

Query Match 60.5%; Score 1121.5; DB 4; Length 355;
Best Local Similarity 60.8%; Pred. No. 1.7e-79;
Matches 216; Conservative 55; Mismatches 77; Indels 7; Gaps 2;

QY 8 VEPFGTSTSYD-----DVG--LLCEKADTRALMAQFPPLXSLVFTVGLGNVVMIL 60
DB 1 MEPTNTEDTDTEFGYDGPCHKYNERRAIIAQLPLXSLVFTVGLGNVVMILV 60
QY KYRLRLMTNIIYLNTLAISDLFLVTLPEWTHYVRGNWVPGHGMCKILSGFYTGLYSE 120
DB 61 KYRLRLMTNIIYLNTLAISDLFLVTLPEWTHYVRGNWVPGHGMCKILSGFYTGLYSE 120
QY 121 IFFIILITIDRYLAIVAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
DB 121 IFFIILITIDRYLAIVAVPALRAVTVFGVITSVTWGLAVLALPEFIETEELEEE 180
QY 181 TLCSALYEDTVYSWRHFTLRMTIFCLVPLVMAICYGIITLRCPSKKRYKARL 240
DB 181 HSCNIHPFESFOQMKLFQALKNLFGVLPLVMIVCYGIIKILRRPREKSKAVRL 240
QY 241 IFVIMAFVFLFTPTYNVAAILSSYQSLFEGNDCRSKRLDMLVTEVIAYSECCNPVI 300
DB 241 IFVIMAFVFLFTPTYNVAAILSSYQSLFEGNDCRSKRLDMLVTEVIAYSECCNPVI 300
QY 301 YAFVGERFRKRYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSYF 355
DB 301 YAFVGERFRKRYLHFRHRLMLHGRYIPLPSEKLERSTSSVSPSTAEPELSYF 355

RESULT 14
US-09-045-583-51
; Sequence 51, Application US/09045583
; Patent No. 6287805
; GENERAL INFORMATION:
; APPLICANT: Graham, Gerard J. et al.
; TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled

APPLICANT: Graham, Gerard J. et al.
 TITLE OF INVENTION: No. 6287805e1 Molecules of the G Protein-Coupled
 NUMBER OF SEQUENCES: 56
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD, LLP
 STREET: 28 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/045,583
 FILING DATE: 20-MAR-98
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Mandragouras, Amy E.
 REGISTRATION NUMBER: 36,207
 REFERENCE/DOCKET NUMBER: MMT-044
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)227-7400
 TELEFAX: (617)742-4214
 INFORMATION FOR SEQ ID NO: 51:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 360 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FRAGMENT TYPE: internal
 US-09-045-583-51